Annual Examination	MATHEMATICS 2018-	表と
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Multiple Choice Questions (MCQ'S	Mul	tiple	Choic	e Questions	(MCQ'S
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	111 1/2/17	100	- Frederick	
1 5	Choose the correct	answer for each f	rom the given	options.
1.				1445
	(a) Non – empty	(b) Equivalent	(c) Power	(d) Discount
2.	For all $x, y$ , $xy = xy$ ,	I his is	property w.r.t iv	numplication.
			(c) Associativ	re (d) Reflexive
3.			10	
	(a) 0	(b) 1	(c) -1	(d) Infinite
4.	$\sqrt{x^2 + 2xy + y^2} \text{ is a } I$	an e	xpression.	
	(a) Rational	(b) Irrational	(c) Polynomia	al (d) Monomial
5.	Square roots(s) $x^2$	$2+\frac{1}{2}$ is / are		
		A	1/01/10	COLOCK-
	(a) $x + \frac{1}{x}$		(b) $-x - \frac{1}{x}$	
	(c) Both (a) and (h)		(d) None of t	hese
6				
0.			anu ATZY-7	represents intes
			15/4	marca and
				(a) Collin
9	[5 6] thon	A	oflant	1000
1.	$\begin{bmatrix} 3 & -1 \end{bmatrix}$	Dancol	AMANA	1777
	[-1 6] BI	ICAN MICH	[5 3]	[3 -1]
	(a) 3 (B)	19465	(c) 6 -1	(d) 5 6
25	Wall pand can	-d then equation	will	be the relation fre
0.	from v	- a then equation	REI	DO TIO TOTALON TO
		6 6 6	(b) $a+b=c$	de per-
		اللفالا	(d) $a+b+c$	+ d = 0
9.	1	ommensurable ratio		Control of the Control
	(a) $\sqrt{4}:\sqrt{36}$	(b) $\sqrt{9}:\sqrt{2}$	(c) $\sqrt{5}:\sqrt{25}$	(d) None of thes
10	. Median of the data	12, 10, 11, 13, 9, 19	) is	•
	(a) 11.5	(b) 12.5	(c) 10.5	(d) 10
1. lf	the vertex and one	arm are common of	f two angles the	n they are called
_			1	
			4 6 8 8	
2 (	Chords (	igles	(a) Congruent /	Angles
				a) ( 110
				d) All of these
			riangle externall	y and two sides
pi	roduct internally is ca	illed	Sharris	1 Conna
(a	i) Circum - Circle (	b) In-centre	Tet In-Choice a	d) escribed Circle
U. U	phosite allales of a c	yollo quaquilatellal a	I DILL	
(0	c) Supplementary	IL MINIO		
6. T	he point through	which the medians		
_	Controld	h) in contro	/ACimum annin	
10	II VEIIIIUIII	שוויינכוווופ	THE STRUCK CONTRA	stanyone of these
			(e) Oll Cuttl Cetture	
7. x	y+xy-2=			
7. x	y + xy - 2 = a) $(xy - 1)(xy + 1)$		(b) (xy-1)(xy-	1)
7. x. (a	y + xy - 2 =  (a) $(xy-1)(xy+1)$ (b) $(xy-2)(xy+1)$			1)
7. x. (a (c 8. c)	y + xy - 2 =  (a) $(xy-1)(xy+1)$ (b) $(xy-2)(xy+1)$ (c) $(xy-2)(xy+1)$ (d) $(xy-2)(xy+1)$		(b) $(xy-1)(xy-1)(xy-1)(xy+1)$	1) .
7. x. (a (c 8. cc (a	y + xy - 2 =  (a) $(xy-1)(xy+1)$ (b) $(xy-2)(xy+1)$		(b) (xy-1)(xy-	1)
	1. 2. 3. 4. 5. 6. 7. 8. 9. 10 1. 1. (a) (a) (a) (a) (b) (a) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	1. Whelsection of two  (a) Non – empty 2. For all x,y, xy = xy,  (a) Commutative 3. log x log =  (a) 0 4. $\sqrt{x^2 + 2xy + y^2}$ is a /  (a) Rational 5. Square roots(s) $x^2 - (a)$ (a) $x + \frac{1}{x}$ (b) Both (a) and (b) 6. The graph of these and $\frac{1}{2}$ intersecting e  (a) $\frac{1}{4}$ then  (a) $\frac{1}{4}$ then  (b) $\frac{1}{4}$ then  (c) $\frac{1}{4}$ then  (a) $\frac{1}{4}$ then  (b) $\frac{1}{4}$ then  (c) $\frac{1}{4}$ then  (d) $\frac{1}{4}$ then  (e) $\frac{1}{4}$ then  (form x.  (g) $\frac{1}{4}$ then  (g) $\frac{1}{4}$ then  (g) Adjacent Angles  (g) Complementary Ar  (g) Chords  (g) Always equal  (g) Complementary  (g) Always equal  (g) Supplementary  (g) The point through  (g) The point through  (g) The point through  (g) The point through	1. Vite section of two	(a) 0 (b) 1 (c) -1  4. $\sqrt{x^2 + 2xy + y^2}$ is a / an

 $-\cos^2 x =$ 

(a) (x-1)(x+2x+2)

(c) (x+1)(x+2x-2)

(b)  $(x+1)(x^{1}-2x-2)$ 

(d) (x+1)(x'-2x+2)

(d)  $\sin x$ (c) tan x (b) sec x (a) cotx